

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 December 2000 (07.12.2000)

PCT

(10) International Publication Number
WO 00/72880 A3

(51) International Patent Classification⁷: A61K 39/395,
38/17, 39/39, 39/00, G01N 33/68, A61K 48/00, A61P
25/28 // C07K 16/18, 14/47

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(21) International Application Number: PCT/US00/14810

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(22) International Filing Date: 26 May 2000 (26.05.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/322,289 28 May 1999 (28.05.1999) US

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE,
DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO,
NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(63) Related by continuation (CON) or continuation-in-part
(CIP) to earlier application:
US 09/322,289 (CIP)
Filed on 28 May 1999 (28.05.1999)

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

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Published:
— With international search report.

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(88) Date of publication of the international search report:
31 May 2001

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

WO 00/72880 A3

(54) Title: PREVENTION AND TREATMENT OF AMYLOIDOGENIC DISEASE

(57) Abstract: The invention provides improved agents and methods for treatment of diseases associated with amyloid deposits of A β in the brain of a patient. Such methods entail administering agents that induce a beneficial immunogenic response against the amyloid deposit. The methods are useful for prophylactic and therapeutic treatment of Alzheimer's disease. Preferred agents including N-terminal fragments of A β and antibodies binding to the same.

INTERNATIONAL SEARCH REPORT

Internat. Application No

PCT/US 00/14810

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K39/395 A61K38/17 A61K39/39 A61K39/00 G01N33/68
A61K48/00 A61P25/28 //C07K16/18,C07K14/47

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

STRAND, MEDLINE, LIFESCIENCES, CANCERLIT, AIDSLINE, CHEM ABS Data, EMBASE, SCISEARCH, WPI Data, EPO-Internal, PAJ, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 613 007 A (LILLY CO ELI ;ATHENA NEUROSCIENCES INC (US)) 31 August 1994 (1994-08-31) column 1, line 46 -column 2, line 4 column 5, line 27 -column 8, line 18 claims	1-52, 87-108
X	WO 95 11994 A (LILLY CO ELI ;ATHENA NEUROSCIENCES INC (US)) 4 May 1995 (1995-05-04) page 1, line 7-13 page 5, line 31 -page 6, line 18 page 18, line 23 -page 19, line 30 claims -/-	100-108

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

29 November 2000

Date of mailing of the international search report

15/12/2000

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INTERNATIONAL SEARCH REPORT

Internal J Application No

PCT/US 00/14810

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>VAN GOOL W A ET AL: "Concentrations of amyloid-beta protein in cerebrospinal fluid increase with age in patients free from neurodegenerative disease." NEUROSCIENCE LETTERS, vol. 172, no. 1-2, 1994, pages 122-124, XP000961282 ISSN: 0304-3940 the whole document</p>	1-108
P,X	<p>SCHENK D ET AL: "Immunization with amyloid-beta attenuates Alzheimer -disease-like pathology in the PDAPP mouse 'see comments!.' NATURE, (1999 JUL 8) 400 (6740) 173-7. , XP002154168 the whole document</p>	48-86
P,X	<p>WO 99 27944 A (SCHENK DALE B ;ATHENA NEUROSCIENCES INC (US)) 10 June 1999 (1999-06-10) examples claims</p>	1-108

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/14810

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